

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("6293457").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/16 10:36
L2	2	("5316974").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/16 10:39
L3	2	("6025275").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/16 10:44
L4	2	("20040005771").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/16 10:44
L5	2	("20030129822").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/16 10:48
L6	2	("5700389").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/16 11:02
S1	55492	(438/584-757).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/15 19:07
S2	5280	S1 and copper with (interconnect or contact or metallization)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 08:53

EAST Search History

S3	1036	S2 and (copper near5 etch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 14:28
S4	41	S3 and seed near5 etch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 14:29
S5	81	S3 and (seed with etch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 15:15
S6	55492	(438/584-757).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/22 11:55
S7	5280	S6 and copper with (interconnect or contact or metallization)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 08:53
S8	735	S7 and ((barrier or liner) near5 etch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 08:53
S9	66	S8 and (seed with etch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 08:54
S10	160	S8 and (seed same etch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 09:05

EAST Search History

S11	5117	(438/612-614).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/22 10:45
S12	1791	S11 and copper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 09:06
S13	84	S12 and dry adj etch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 09:19
S14	68	S12 and ((barrier or liner) with etch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 09:48
S15	25	"6222279"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 09:48
S16	83	"5162257"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 09:49
S17	98	"5508229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 09:49
S18	96	("3655544" "4880708" "4922322" "5094979" "5108950" "5118584" "5124269" "5208186" "5266156" "5324683").PN. OR ("5508229").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/22 09:50

EAST Search History

S19	56	"5937320"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 09:51
S20	47	("5162257" "5391514" "5470787" "5634268").PN. OR ("5937320"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/22 09:52
S21	36	"5486282"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 09:52
S22	44	"5462638"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 09:52
S23	28	("4310569" "4486946" "4491860" "4732865" "4753851" "4787958").PN. OR ("4880708"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/22 09:53
S24	12	("3571913" "4816424").PN. OR ("5094979").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/22 09:54
S25	29	("2566615" "2876144" "3468774" "3601666" "4331476" "4410396" "4486946" "4491860" "4671852" "4711701" "4740485" "4782032" "4787958" "4814429" "4849376" "4880708" "4927505").PN. OR ("5211807").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/22 10:02
S26	772	S11 and ((copper or Cu) with plat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 10:46
S27	867	S11 and ((copper or Cu) with (plat\$3 or electroplat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 10:56

EAST Search History

S28	26	S27 and (seed with etch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 10:47
S29	97	S27 and (barrier same (TiW or tungsten))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 10:47
S30	341	S27 and ((copper or Cu) with etch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 10:57
S31	54	S30 and (seed with etch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 10:57
S32	66	S30 and (seed same etch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 10:57
S33	9	("5478773" "5541135" "6222279" "6372622" "6413851" "6429531" "6501185" "6521501" "6586322").PN. OR ("6878633").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/22 11:01
S34	12522	S6 and ((barrier or adhesion) near5 layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 11:55
S35	905	S6 and (layer near5 (dry adj etch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 11:56

EAST Search History

S36	384	S34 and (layer near5 (dry adj etch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 11:56
S37	695	S34 and (layer with (dry adj etch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 11:56
S38	161	S37 and (etch with ((carbon adj tetrafluoride) or "CF.sub.4"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 11:59
S39	5	S38 and ((nitrous adj oxide) or "N.sub.2.O")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 12:08
S40	0	S38 and (nitrous same carbon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 11:59
S41	9	S38 and (chloride same carbon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 12:03
S42	0	S38 and ("N.sub.2.O" same carbon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 12:08
S43	11	S38 and ((nitrous adj oxide) or "N.sub.2 O")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 12:08

EAST Search History

S44	1	S38 and ("N.sub.2 O" same carbon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 12:20
S45	9607	(438/706-744).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/22 12:20
S46	2353	S45 and (carbon adj tetrafluoride or "CF.sub.4")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 12:32
S47	77	S45 and (carbon same (nitrous or "N.sub.2 O"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 12:33
S48	53	S46 and (carbon same (nitrous or "N.sub.2 O"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 12:22
S49	7	S48 and (etch same (nitrous or "N.sub.2 O"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 12:22
S50	20	("4374699" "4381967").PN. OR ("4431477").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/22 12:24
S51	632	S46 and ((tungsten or refractory) same etch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 12:32
S52	38	S51 and ((carbon or "CF.sub.4") same (nitrous or "N.sub.2 O"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 12:33

EAST Search History

S53	28	("4243476" "4431477" "4468284" "4529475" "4659426" "4919750" "4923828" "4985990" "5092967" "5098516" "5129991" "5147500" "5185058" "5221366" "5262001" "5338398" "5350484" "5368687" "5431774").PN. OR ("5814238").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/22 12:52
S54	413	(438/754).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/22 12:52
S55	206	S54 and copper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 12:52
S56	96	S55 and (sulfuric or "H.sub.2" "SO. sub.4")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 12:53
S57	16	("3529350" "3669776" "3737306" "3841931" "3944496" "4267012").PN. OR ("4443295").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/22 13:49
S58	15	("2908557" "3650957" "3770530" "3926699" "4110237" "4410396" "4430152" "4443295" "4459216").PN. OR ("4849124").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/22 13:53
S59	137	(216/78).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/22 15:16
S60	930	(438/720,742).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/15 19:08

EAST Search History

S61	65	S60 and carbon adj tetrafluoride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 19:13
S62	293	S60 and etch\$3 same barrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 19:13
S63	22	S61 and etch\$3 same barrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 19:14
S64	26	S61 and etch\$3 same tungsten	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 19:15
S65	26	("4298419" "4675073" "4692205" "4713141" "4786360" "4797178" "4836886" "4836887" "4842687" "5842676").PN. OR ("5108542").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 19:17
S66	23	("4183780" "4349408" "4529475" "4579623" "4617087" "4713141").PN. OR ("5143866"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 19:19
S67	24	("4675073" "4793896" "4821085" "4863559" "4957590").PN. OR ("5122225").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 19:19
S68	25	("3951709" "4203800" "4478678" "4568410" "4637129").PN. OR ("4786360").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 19:31
S69	432	(438/754).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/15 19:31

EAST Search History

S70	2	("4849124").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/15 19:32
S71	15	("2908557" "3650957" "3770530" "3926699" "4110237" "4410396" "4430152" "4443295" "4459216").PN. OR ("4849124"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 19:32
S72	15	("2908557").URPN.	USPAT	OR	ON	2006/02/15 19:33
S73	10	("4130454" "4374744" "4849124" "5066366" "5391395").PN. OR ("5700389").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 19:37

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SSF

2/16/06